WHAT IS CLAIMED IS:

- 1 1. A method for indicating a location of a person with respect to a video
- 2 capturing volume of a camera, the method comprising the steps of:
- 3 receiving at least one image from the camera;
- 4 determining a location of the person with respect to the video capturing
- 5 volume of the camera based on the at least one image;
- 6 generating an abstract representation of the person; and
- 7 displaying the abstract representation to the person such that the abstract
- 8 representation indicates the location of the person with respect to the video capturing
- volume of the camera.
- 1 2. The method of claim 1, wherein the step of determining a location of the
- 2 person comprises the step of determining a location of the person's head.
- 1 3. The method of claim 1, wherein the step of determining a location of the
- 2 person comprises the step of determining a plurality of locations corresponding to
- 3 respective portions of the person.

- 1 4. The method of claim 3, wherein the step of generating an abstract
- 2 representation of the person comprises the step of generating a plurality of abstract
- 3 representations, each of the plurality of abstract representations corresponding to a
- 4 respective portion of the person, and wherein the step of displaying the abstract
- 5 representation comprises the step of displaying the plurality of abstract
- 6 representations such that the plurality abstract representations indicate the plurality of
- 7 locations of the respective portions of the person with respect to the video capturing
- 8 volume of the camera.
- 1 5. The method of claim 1, further comprising the steps of:
- determining a location of at least one of another person and an object;
- 3 generating a corresponding abstract representation of the at least one of
 - another person and an object to produce a second abstract representation; and
- 5 displaying the second abstract representation to the person such that the
- 6 second abstract representation indicates the location of the at least one of another
- 7 person and an object with respect to the video capturing volume of the camera.
- 1 6. The method of claim 1, wherein the step of displaying the abstract
- 2 representation comprises the step of animating
- 3 the abstract representation over a plurality of video frames.

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- 7. The method of claim 1, wherein the step of determining a location of the
- 2 person with respect to the video capturing volume of the camera comprises the steps
- 3 of:
- 4 determining whether at least a portion of the person is represented in the at
- 5 least one image; and
- 6 in the event that at least a portion of the person is represented in the at least
- 7 one image, determining that the person is within the video capturing volume of the
- s camera.
- 1 8. The method of claim 7, wherein the step of displaying the abstract
- 2 representation comprises the step of displaying the abstract representation to the
- 3 person such that the abstract representation indicates the location of the person within
- 4 the video capturing volume of the camera.
- 9. The method of claim 7, wherein the step of displaying the abstract
- 2 representation comprises the step of displaying the abstract representation to the
- 3 person such that the abstract representation indicates that the person is outside the
- 4 video capturing volume of the camera in the event that the at least a portion of the
- 5 person is not represented in the at least one image.

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- 1 10. A method for indicating a location of a user of a two-way communication
- 2 device with respect to video capturing volume of a camera operably coupled to the
- 3 two-way communication device, the method comprising the steps of:
- 4 capturing an image with the camera to produce a captured image, the captured
- 5 image including at least a portion of the user;
- determining a location of the user within the video capturing volume of the
 camera based on the captured image:
- 8 generating an abstract representation of the user; and
 - displaying the abstract representation to the user on a display of the two-way communication device, such that the abstract representation indicates the location of the user within the video capturing volume of the camera.
- 1 11. The method of claim 10, further comprising the step of receiving at least one
- 2 image from a second two-way communication device, and wherein the step of
- 3 displaying the abstract representation comprises the step of displaying the abstract
- 4 representation together with the at least one image received from the second two-way
- 5 communication device on the display of the two-way communication device.

- An apparatus that is operably coupleable to a camera, the apparatus
- 2 comprising:
- a location determiner, operably coupled to the camera, for determining a
- 4 location of the person with respect to a video capturing volume of the camera based
- 5 on at least one image received from the camera, the at least one image including at
- 6 least a portion of a person;
- 7 an abstract representation generator for generating an abstract representation
 - of the person; and
- 9 a video processor, operably coupled to the location determiner and the abstract
- 10 representation generator, for positioning the abstract representation in an image to be
- displayed to the person such that the abstract representation indicates the location of
- 12 the person with respect to the video capturing volume of the camera.
- 1 13. The apparatus of claim 12, further comprising:
- 2 a display, operably coupled to the video processor, for displaying the image
- 3 containing the abstract representation to the person.

- 1 14. The apparatus of claim 12, further comprising a second receiver, operably
- 2 coupled to the video processor, for receiving an image from a remote device to
- 3 produce a received remotely-generated image, and wherein the video processor
- 4 positions the abstract representation together with the received remotely-generated
- 5 image in an image to be displayed to the person such that the abstract representation
- 6 indicates the location of the person with respect to the video capturing volume of the
- 7 camera.
- 1 15. The apparatus of claim 12, further comprising a transmitter for transmitting
- 2 the at least one image received from the camera to a remote device.
- 1 16. The apparatus of claim 12, wherein the location is an actual location of the
- 2 person in the video capturing volume of the camera during a video frame processed
- 3 by the camera.
- 1 17. The apparatus of claim 12, wherein the location is a relative location change
- 2 with respect to a plurality of video frames processed by the camera.
 - 18. The apparatus of claim 17, wherein the relative location change comprises at
- 2 least one of a translation and a rotation.
- 1 19. The apparatus of claim 12, wherein the location comprises at least one of a
- 2 position and a depth.
- 1 20. The apparatus of claim 12, wherein the abstract representation comprises an
- 2 icon.

- 1 21. The apparatus of claim 12, wherein the icon comprises a geometric shape.
- 1 22. The apparatus of claim 12, wherein the abstract representation further
- 2 indicates a direction in which the person should move in order to be located
- 3 substantially in a center portion of the video capturing volume of the camera.

23.	A two-way	communication	device	comprising

- 2 a camera for capturing an image within a video capturing volume of the
- 3 camera to produce a captured image, the captured image including at least a portion of
- 4 a user of the two-way communication device;
- 5 a location determiner, operably coupled to the camera, for determining a
- 6 location of the user within the video capturing volume of the camera based on the
- 7 captured image;

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- 8 an abstract representation generator for generating an abstract representation
- 9 of the user;
- 10 a receiver for receiving an image from a second two-way communication
- 11 device;
- 12 a video processor, operably coupled to the location determiner and the abstract
- 13 representation generator, for arranging the abstract representation and the image
- 14 received from the second two-way communication device together in a composite
- 15 image to be displayed to the user such that the abstract representation indicates the
- location of the user with respect to the video capturing volume of the camera;
- 17 a display, operably coupled to the video processor, for displaying the
- 18 composite image to the user; and
- 19 a transmitter, operably coupled to the camera, for communicating the captured
- 20 image to the second two-way communication device.